Title (en)
AUTHENTICATION SYSTEM, COMMUNICATION SYSTEM, AND AUTHENTICATION AND AUTHORIZATION METHOD

Title (de)
AUTHENTIFIZIERUNGSSYSTEM, KOMMUNIKATIONSSYSTEM SOWIE AUTHENTIFIZIERUNG UND AUTORISIERUNGSVERFAHREN

Title (fr)
SYSTÈME D'AUTHENTIFICATION, SYSTÈME DE COMMUNICATION ET PROCÉDÉ D'AUTHENTIFICATION ET D'AUTORISATION

Publication
EP 3261317 A1 20171227 (EN)

Application
EP 17175052 A 20170608

Priority
JP 2016124755 A 20160623

Abstract (en)
An authentication system (30), a communication system (1), a method of performing authentication and authorization, and a carrier means carrying computer readable code for controlling a computer system to carry out the method. The authentication system and the method include establishing (S21) a first connection (tls1) with a communication terminal (10) after performing authentication with client certificate sent from the communication terminal (10), outputting (S24) authorization data corresponding to the client certificate, the authorization data indicating authorization for the communication terminal (10) to access a resource, and controlling (S32) the communication terminal (10) to transmit the authorization data to a resource provision system (60) through a second connection (tls2) different from the first connection (tls1). The communication system (1) includes the authentication system (30), and a resource provision system (60) that checks the authorization data and provides the communication terminal (10) with the resource.

IPC 8 full level
H04L 29/06 (2006.01); H04W 12/06 (2009.01); H04W 12/08 (2009.01)

CPC (source: EP US)
H04L 9/3263 (2013.01 - US); **H04L 63/062** (2013.01 - EP US); **H04L 63/0815** (2013.01 - EP US); **H04L 63/0823** (2013.01 - EP US); **H04W 12/069** (2021.01 - EP US); **H04W 12/08** (2013.01 - EP US); H04L 63/101 (2013.01 - EP US); H04L 63/166 (2013.01 - EP US)

Citation (applicant)
JP 2014531163 A 20141120

Citation (search report)
- [X] US 2014380429 A1 20141225 - MATSUGASHITA HAYATO [JP]
- [X] US 2005005133 A1 20050106 - XIA SHARON HONG [US], et al
- [A] EP 2770662 A1 20140827 - ALCATEL LUCENT [FR]
- [A] D HARDT: "RFC 6749 The OAuth 2.0 Authorization Framework", 31 October 2012 (2012-10-31), pages 1 - 76, XP055218558, Retrieved from the Internet <URL:https://www.rfc-editor.org/rfc/pdfrfc/rfc6749.txt.pdf> [retrieved on 20151006]
- [A] SAKIMURA B KIHARA N ET AL: "Structured Access Token for Sharing Authorization Grant between a Resource Server and an Authorization Server; draft-sakimura-oidc-structured-token-01.txt", STRUCTURED ACCESS TOKEN FOR SHARING AUTHORIZATION GRANT BETWEEN A RESOURCE SERVER AND AN AUTHORIZATION SERVER; DRAFT-SAKIMURA-OIDC-STRUCTURED-TOKEN-01.TXT, INTERNET ENGINEERING TASK FORCE, IETF; STANDARDWORKINGDRAFT, INTERNET SOCIETY (ISOC) 4, RUE DE, 25 February 2013 (2013-02-25), pages 1 - 12, XP015092187

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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